Project Status Report

Broadband Mapping (BB Mapping)   Execution Phase

For period:	**August 07 to August 20, 2010**
Submitted by:	**Dirk Huggett**
Green	Strong probability the project will be delivered on time, within budget, and with acceptable quality.
Yellow	Good probability the project will be delivered on time, within budget, and with acceptable quality. Schedule, budget, resource, or scope changes may be needed.
Red	Probable that the project will NOT be delivered with acceptable quality without changes to schedule, budget, resources, and/or scope.

EXECUTIVE SUMMARY

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	Overall, the project is doing well. We are tracking slightly behind schedule and slightly under budget. The load testing is complete and the rollout to production/UAT should begin the week of August 23rd.
Scope	**Green**	**Green**	No changes to scope occurred during this period.
Schedule	**Green**	**Green**	ND Schedule Index= .99 (1.1% Behind). We are slightly behind schedule. See the details below.
Cost	**Green**	**Green**	CPI=1.03 (2.4% Under) The variance is related to travel that was planned but has not occurred. This is a decrease from previous reports due to using excess funds for Change #6. *[Note: This is for contractual data only. We are significantly under budget for non-contractual grant related funding.]*
Project Risk	**Green**	**Green**	One new issue arose during this period. The state and federal representatives are working through it.

Accomplishments and Other Notes of Interest:

➢ Most of the work has been focused on getting the application to function well in our environment. Load testing showed a significant delay (30-50 seconds) for query time with 50 concurrent users. (Note: The system responds quickly with normal usage. The delay only occurs with a higher load level.) The team worked through some alternatives and found a method that appears to reduce that time to 1-5 seconds. The team has decided to rollout to production with this non-standard method and TetraTech will continue to work with the state to improve query speed. The state will monitor usage and may migrate to a standard release as improvements are made and peak usage is identified. Preparations are being made to install the app in the production environment for User Acceptance Testing (UAT) and release to the providers and public.

➢ TetraTech had staff on-site in North Dakota last week during the bulk of load testing. This was very effective on working through the items that came up.

➢ Artifacts of Change Request #6:
  o The Project Sponsor and LPO Analyst both accepted the proposal to handle the changes to schedule/budget for this request by signing off on Task 5 (since the original scope of a final data set for the map application was met) and adding a new task (Task 11) for the September update deliverable. The change amount of $15,552 would be attributed to this new task.
  o Final Acceptance (including the payment of retainage) will now be delayed until after Task 11 is delivered.

Expected Accomplishments:

➢ The map is in production.
➢ UAT completed
➢ Application released to providers
➢ Application released to the public

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> ➤ A more detailed schedule with the original due date and the current expected dates are below.

Task	Planned Start	Planned Finish	Estimated Finish	% Complete
Testing				
Application Testing	7/27/2010	8/9/2010	8/23/2010	99.0%
Load Tests	8/12/2010	8/18/2010	8/23/2010	99.0%
UAT	8/12/2010	8/18/2010	8/26/2010	
UAT Team meeting	8/19/2010	8/19/2010	8/27/2010	
Migrate to production	8/19/2010	8/23/2010	8/24/2010	
Final Acceptance	8/23/2010	8/30/2010	9/30/2010	
Post Implementation Review	8/23/2010	9/14/2010	9/29/2010	
Closeout Report	9/14/2010	9/15/2010	9/30/2010	
(Task 11) NTIA data submission – revised format				
Sept Data Package	8/23/2010	9/24/2010	9/24/2010	

RISK MANAGEMENT

Status Item	Current Status	Prior Status	Summary
Project Risk	**Green**	**Green**	There were no changes to risks in this period.

Risk Management Log Summary

Risk #	Description	Response Plan	Owner

Comments: No active risks at this time.

Issues Log Summary

Issue #	Description	Required Action	Owner
3	NTIA requirement to move to Census 2000 geography	On hold pending meeting with Feds 8/24.	Dirk/Fred

Comments: Two concerns at stake with this issue. First, there has been significant development in the last 10 years in many of ND's metropolitan communities. Those roads don't exist in the 2000 geography. Second, NTIA will likely require moving back to 2009 or higher data for the Spring or Fall 2011 collections. The team will determine the impact of this decision and if any escalation is necessary after the 8/24 call.

SCOPE MANAGEMENT

Status Item	Current Status	Prior Status	Summary
Scope	**Green**	**Green**	There were no changes to scope defined during this period.

Change Control Log Summary

Change #	Description	Action Accept / Reject	Action Date
7	Start Spring maintenance early	On Hold	

Comments: It was decided to hold off on change request #7 until we see the provider reaction to the release of the map. The ESC will reopen the discussion at its September meeting.

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Deliverable Acceptance Log Summary			
Deliverable #	**Deliverable Name**	**Action** **Accept / Reject**	**Action Date**
Task 5a	Broadband service areas by provider	Accept	Pending
Task 5b	Broadband Infrastructure map by provider (point based and statewide)	Accept	Pending
Task 5c	Anchor Institutions (statewide)	Accept	Pending
Task 5d	Final Deliverables to NTIA	Accept	Pending
Comments:			

COST MANAGEMENT

Status Item		Current Status	Prior Status	Summary				
Budget		**Green**	**Green**	CPI = 1.03 Travel continues to be the driving factor in variance.				
PV	AC	EV	+/- (CV)	CPI	Total Budget	Est @ Completion	Cost Var %	SPI
$680,594.69	$620,872.96	$636,692.69	$15,819.73	1.03	$782,951.00	$763,497.23	2%	0.94
Comments: This budget amount is for the vendor costs only. We remain significantly under budget for staffing costs.								